

**POWER SYSTEM OPERATION CORPORATION LIMITED**  
**NATIONAL LOAD DESPATCH CENTRE**  
**NEW DELHI**

Date of Reporting: 23-Jan-17  
System Reliability Indices Report for: 22-Jan-17

**Percentage (%) of times ATC was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	Import of NR	6	1.50	6.25
4	NEW-SR	15	3.75	15.63
5	NER Import	0	0.00	0.00

**Percentage(%) of times (N-1) Criteria was violated**

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
4	NER Import	0	0.00	0.00

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.

## Voltage Profile for the day of 22-Jan-2017

Region	Station	%age of time Voltage below 728/380 kV	%age of time Voltage between 728/380 kV & 800/420 kV	%age of time Voltage above 800/420 kV	Voltage deviation index (%age of time voltage is outside IEGC band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	Agra	0.00%	100.00%	0.00%	0.00%	789	756	776
	Anpara-C	0.00%	100.00%	0.00%	0.00%	774	761	767
	Ballia	0.00%	100.00%	0.00%	0.00%	790	764	778
	Bhiwani	0.00%	89.24%	10.76%	10.76%	807	777	793
	Bareilly	0.00%	100.00%	0.00%	0.00%	760	760	760
	Fatehpur	0.00%	100.00%	0.00%	0.00%	779	746	763
	Jhatikara	0.00%	96.88%	3.13%	3.13%	804	768	788
	Lucknow	0.00%	95.14%	4.86%	4.86%	802	772	790
	Meerut	0.00%	86.53%	11.04%	11.04%	810	769	791
	Moga	0.00%	100.00%	0.00%	0.00%	795	776	788
Phagi	0.00%	100.00%	0.00%	0.00%	794	761	782	
Unnao	0.00%	100.00%	0.00%	0.00%	772	740	758	
WR	Akola	0.00%	100.00%	0.00%	0.00%	798	756	779
	Aurangabad	0.00%	100.00%	0.00%	0.00%	798	747	776
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	790	755	777
	Bilaspur	0.00%	100.00%	0.00%	0.00%	773	752	763
	Bina	0.00%	100.00%	0.00%	0.00%	792	758	778
	Champa	0.00%	100.00%	0.00%	0.00%	797	777	788
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	785	766	775
	Dhule (BDTCL)	0.00%	100.00%	0.00%	0.00%	799	737	775
	Gwalior	0.00%	100.00%	0.00%	0.00%	794	758	780
	Indore	0.00%	100.00%	0.00%	0.00%	791	758	778
	Jabalpur	0.00%	100.00%	0.00%	0.00%	796	765	782
	Koradi	0.00%	100.00%	0.00%	0.00%	783	753	771
	Pune	0.07%	96.46%	0.00%	0.07%	800	722	778
	Raigarh PS (Kotra)	0.00%	100.00%	0.00%	0.00%	796	777	786
	Raipur PS (Durg)	0.00%	100.00%	0.00%	0.00%	788	770	780
	Sasan	0.00%	100.00%	0.00%	0.00%	777	758	768
	Satna	0.00%	100.00%	0.00%	0.00%	787	754	774
	Seoni	0.00%	100.00%	0.00%	0.00%	792	758	776
	Sipat	0.00%	100.00%	0.00%	0.00%	770	752	761
	Sholapur	0.00%	87.71%	12.29%	12.29%	811	758	792
Tamnara PS	0.00%	100.00%	0.00%	0.00%	795	777	786	
Tirora	0.00%	100.00%	0.00%	0.00%	775	756	767	
Vadodara	0.00%	100.00%	0.00%	0.00%	797	764	783	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	766	766	766	
Wardha	0.00%	99.31%	0.69%	0.69%	802	760	785	
SR	Nellore PS	0.00%	97.01%	2.99%	2.99%	803	777	791
	Raichur	0.00%	97.01%	2.99%	2.99%	805	768	791
	Kurnool	0.00%	87.29%	12.71%	12.71%	806	777	794
	Thiruvalam	0.00%	9.51%	90.49%	90.49%	820	794	807
ER	Angul	0.00%	100.00%	0.00%	0.00%	792	775	784
	Gaya	0.00%	100.00%	0.00%	0.00%	786	763	775
	Jharsuguda	0.00%	100.00%	0.00%	0.00%	797	778	787
	Ranchi	0.00%	100.00%	0.00%	0.00%	792	772	782
Sasaram	0.00%	100.00%	0.00%	0.00%	780	741	766	
NER	Azara (400 kV)	0.00%	100.00%	0.00%	0.00%	414	407	410
	Balipara (400 kV)	0.00%	99.10%	0.90%	0.90%	423	400	408
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	418	403	409
	Misa (400 kV)	0.00%	80.28%	19.72%	19.72%	427	407	415
	Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	420	408	415

Remarks: Unless specified, Station may be treated as 765kV S/S.